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JC20 Rec'd PCT/PTO 02 AUG 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q89378

Andrew Lennard LEWIS, et al.

Appln. No.: Unknown

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: August 2, 2005

Examiner: Unknown

For: BLOCK COPOLYMERS

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. U.S. Patent No. 5,441,841 issued August 15, 1995, to Larson et al.
2. U.S. Patent No. 6,395,800 B1 issued May 28, 2002, to Jones et al.
3. WO 02/28929 A1 published April 11, 2002, to Biocompatibles Ltd.
4. WO 03/074026 A1 published September 12, 2003, to Biocompatibles UK/Ltd.
5. WO 03/074090 A2 published September 12, 2003, to Biocompatibles UK Ltd.
6. WO 00/71660 A1 published November 30, 2000, to The Procter & Gamble Co.
7. WO 01/27209 A1 published April 19, 2001, to Biocompatibles Ltd.

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INFORMATION DISCLOSURE STATEMENT

8. WO 01/09208 A1 published February 8, 2001, to Biocompatibles Ltd.
9. WO 01/01957 A1 published January 11, 2001, to Biocompatibles Ltd.
10. V. Bütün et al., "Synthesis and aqueous solution properties of near-monodisperse tertiary amine methacrylate homopolymers and diblock copolymers", *Polymer*, Vol. 42, 2001, pp. 5993-6008.
11. K.L. Robinson et al., "Controlled Polymerization of 2-Hydroxyethyl Methacrylate by ATRP at Ambient Temperature", *Macromolecules*, Vol. 34, 2001, pp. 3155-3158.
12. J.H. Laurer et al., "Morphology and Rheology of SIS and SEPS Triblock Copolymers in the Presence of a Midblock-Selective Solvent", *Langmuir*, Vol. 15, 1999, pp. 7947-7955.
13. Ga-Er Yu et al., "Micellisation and Gelation of Triblock Copoly(oxyethylene/oxypropylene/oxyethylene), F127", *J. Chem. Soc. Faraday Trans.*, Vol. 17, 1992, pp. 2537-2544.
14. J.H. Truelsen et al., "Block Copolymers with pH-Responsive Poly(sodium 4-vinylbenzoates) Synthesized by Atom Transfer Radical Polymerization", *ACS Polymer Preprint*, Vol. 43, No. 2, 2002, pp. 257-258.
15. C. Schilli et al., "Controlled Radical Polymerization of *N*-isopropylacrylamide and of Activated Esters for the Synthesis of Polymer-Protein and Polymer-Drug Conjugates".

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding International Search Report, except for the U.S. patents.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

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The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
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Date: August 2, 2005

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	Unknown
Confirmation Number	107544113
Filing Date	August 2, 2005
First Named Inventor	Andrew Lennard LEWIS
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q89378

Sheet	1	of	1
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,441,841	A	08-15-1995	Larson et al.
		US 6,395,800	B1	05-28-2002	Jones et al.
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	02/28929	A1	04-11-2002	Biocompatibles Ltd.	
		WO	03/074026	A1	09-12-2003	Biocompatibles UK Ltd.	
		WO	03/074090	A2	09-12-2003	Biocompatibles UK Ltd.	
		WO	00/71660	A1	11-30-2000	Procter & Gamble Co.	
		WO	01/27209	A1	04-19-2001	Biocompatibles Ltd.	
		WO	01/09208	A1	02-08-2001	Biocompatibles Ltd.	
		WO	01/01957	A1	01-11-2001	Biocompatibles Ltd.	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		V. Bütün et al., "Synthesis and aqueous solution properties of near-monodisperse tertiary amine methacrylate homopolymers and diblock copolymers", <i>Polymer</i> , Vol. 42, 2001, pp. 5993-6008	
		K.L. Robinson et al., "Controlled Polymerization of 2-Hydroxyethyl Methacrylate by ATRP at Ambient Temperature", <i>Macromolecules</i> , Vol. 34, 2001, pp. 3155-3158	
		J.H. Laurer et al., "Morphology and Rheology of SIS and SEPS Triblock Copolymers in the Presence of a Midblock-Selective Solvent", <i>Langmuir</i> , Vol. 15, 1999, pp. 7947-7955	
		Ga-Er Yu et al., "Micellisation and Gelation of Triblock Copoly(oxyethylene/oxypropylene/oxyethylene), F127", <i>J. Chem. Soc. Faraday Trans.</i> , Vol. 17, 1992, pp. 2537-2544	
		J.H. Truelsen et al., "Block Copolymers with pH-Responsive Poly(sodium 4-vinylbenzoates) Synthesized by Atom Transfer Radical Polymerization", <i>ACS Polymer Preprint</i> , Vol. 43, No. 2, 2002, pp. 257-258	
		C. Schilli et al., "Controlled Radical Polymerization of N-isopropylacrylamide and of Activated Esters for the Synthesis of Polymer-Protein and Polymer-Drug Conjugates"	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.